

## IN THE CLAIMS

1-2. (Cancelled)

3. (Currently Amended) A computer, comprising: according to claim 1  
a memory; and  
a data structure storing a schema for a generic document, the data structure stored in the  
memory and including:

a definition of a first element, the definition of the first element including an  
element value field; and

a key identifier to identify a key value field to be used as a key in a data store,  
wherein:

the definition of the first element includes a definition of a first attribute of  
the first element, the definition of the first attribute including the key identifier;  
and

the key identifier identifies the element value field as the key value field.

4. (Currently Amended) A computer according to claim 1 ~~3~~, wherein the definition  
of the first element includes a definition of a second attribute, the definition of the second  
attribute including an attribute value field.

5. (Original) A computer according to claim 4, wherein:  
the definition of the second attribute includes the key identifier as a property of the  
second attribute; and  
the key identifier identifies the attribute value field as the key value field.

6. (Original) A computer according to claim 4, wherein:  
the definition of the first element further includes a definition of a third attribute of the  
first element, the definition of the third attribute including the key identifier; and  
the key identifier identifies the attribute value field of the second attribute as the key  
value field.

7. (Currently Amended) A computer, comprising: according to claim 1,  
a memory; and  
a data structure storing a schema for a generic document, the data structure stored in the  
memory and including:

a definition of a first element, the definition of the first element including an  
element value field; and

a key identifier to identify a key value field to be used as a key in a data store,  
wherein the data structure further includes:

a definition of a second element, the definition of the second element  
including a second element value field; and

a tree structure including the first element and the second element.

8-12. (Cancelled)

13. (Currently Amended) A system, comprising: according to claim 11  
a data store storing a first generic document and storing a value for a first key value field,  
the value loaded from the first generic document; and

a first schema applicable to the first generic document, the first schema including:

a definition of a first element, the definition of the first element including an  
element value field; and

a first key identifier to identify the first key value field in the first generic  
document to be used as a key in a data store, wherein:

the definition of the first element includes a definition of a first attribute,  
the definition of the first attribute including the first key identifier; and

the first key identifier identifies an element value field of the first element  
as the first key value field.

14. (Currently Amended) A system according to claim ~~11~~ 13, wherein the definition  
of the first element includes a definition of a second attribute, the definition of the second  
attribute including an attribute value field.

15. (Original) A system according to claim 14, wherein:  
the definition of the second attribute includes the first key identifier as a property of the second attribute; and  
the first key identifier identifies the attribute value field as the first key value field.

16. (Original) A system according to claim 14, wherein:  
the definition of the first element further includes a definition of a third attribute, the definition of the third attribute including the first key identifier; and  
the first key identifier identifies the attribute value field as the first key value field.

17. (Currently Amended) A system, comprising: according to claim 11  
a data store storing a first generic document and storing a value for a first key value field,  
the value loaded from the first generic document; and

a first schema applicable to the first generic document, the first schema including:  
a definition of a first element, the definition of the first element including an  
element value field; and

a first key identifier to identify the first key value field in the first generic  
document to be used as a key in a data store, wherein:

the data store is operative to store a second generic document and to store  
a second value for a second key value field, the value loaded from the first generic  
document; and

the system further comprises a second schema applicable to the second  
generic document, the second schema including:

a definition of a second element, the definition of the second  
element including an element value field; and

a second key identifier to identify the second key value field in the  
second generic document to be used as a key in a data store.

18. (Original) A system according to claim 17, wherein:  
the first schema includes a first identifier for the first key value field;  
the second schema includes a second identifier for the second key value field; and  
the first identifier and the second identifier are the same identifier.

19-64. (Cancelled)

65. (New) A computer according to claim 7, wherein:  
the definition of the first element includes a definition of a first attribute of the first element, the definition of the first attribute including the key identifier; and  
the key identifier identifies the element value field as the key value field.

66. (New) A computer according to claim 65, wherein the definition of the first element includes a definition of a second attribute, the definition of the second attribute including an attribute value field.

67. (New) A computer according to claim 66, wherein:  
the definition of the second attribute includes the key identifier as a property of the second attribute; and  
the key identifier identifies the attribute value field as the key value field.

68. (New) A computer according to claim 66, wherein:  
the definition of the first element further includes a definition of a third attribute of the first element, the definition of the third attribute including the key identifier; and  
the key identifier identifies the attribute value field of the second attribute as the key value field.

69. (New) A system according to claim 13, wherein:  
the first schema includes a first identifier for the first key value field;  
the second schema includes a second identifier for the second key value field; and  
the first identifier and the second identifier are the same identifier.

70. (New) A system according to claim 13, wherein:  
the parser is operative to parse the schema into objects; and  
the system further comprises a definer to define a structure for the data store based on the objects.

71. (New) A system according to claim 13, wherein:  
the parser is operative to identify the first key value field in the schema; and  
the system further comprises a loader to load a value from the first key value field in the first generic document.

72. (New) A system according to claim 71, wherein:  
the schema includes a definition of at least one of a second element and a fourth attribute;  
the parser is operative to identify the second element or the fourth attribute;  
the loader is operative to load a second value from the second element or the fourth attribute in the first generic document; and  
the data store further includes a field storing the second value in a native format of the data store.

73. (New) A system according to claim 71, wherein the data store further includes an index associated with the first generic document, the index storing a copy of the value from the first key value field in the first generic document.

74. (New) A system according to claim 73, wherein the index is in a native format of the data store.

75. (New) A system according to claim 17, wherein:  
the definition of the first element includes a definition of a first attribute, the definition of the first attribute including the first key identifier; and  
the first key identifier identifies an element value field of the first element as the first key value field.

76. (New) A system according to claim 75, wherein the definition of the first element includes a definition of a second attribute, the definition of the second attribute including an attribute value field.

77. (New) A system according to claim 76, wherein:  
the definition of the second attribute includes the first key identifier as a property of the second attribute; and  
the first key identifier identifies the attribute value field as the first key value field.

78. (New) A system according to claim 76, wherein:  
the definition of the first element further includes a definition of a third attribute, the definition of the third attribute including the first key identifier; and  
the first key identifier identifies the attribute value field as the first key value field.

79. (New) A system according to claim 17, further comprising a parser to parse the first schema.

80. (New) A system according to claim 79, wherein:  
the parser is operative to identify the first key value field in the schema; and  
the system further comprises a loader to load a value from the first key value field in the first generic document.

81. (New) A system according to claim 79, wherein:  
the parser is operative to parse the schema into objects; and  
the system further comprises a definer to define a structure for the data store based on the objects.

82. (New) A system according to claim 80, wherein the data store further includes an index associated with the first generic document, the index storing a copy of the value from the first key value field in the first generic document.

83. (New) A system according to claim 80, wherein:  
the schema includes a definition of at least one of a second element and a fourth attribute;  
the parser is operative to identify the second element or the fourth attribute;  
the loader is operative to load a second value from the second element or the fourth attribute in the first generic document; and  
the data store further includes a field storing the second value in a native format of the data store.

84. (New) A system according to claim 81, wherein the index is in a native format of the data store.

85. (New) A system according to claim 3, wherein:  
the key identifier identifies the key value field as a foreign key for the data store; and  
the key identifier references a second data store.